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Applicant : RICHARD G. HYATT Jr.
Serial No.: 08/720,070 (CPA application)
Filed: 27 September 1996
For: ELECTROMECHANICAL CYLINDER PLUG

Art Unit: 3627

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SUPPLEMENTAL AMENDMENT



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

RICHARD G. HYATT Jr.

Serial No.: 08/720,070 (**CPA application**) Examiner: BOUCHER, D.

Filed: 27 September 1996 Art Unit: 3627

For: ELECTROMECHANICAL CYLINDER PLUG

SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Certificate of Transmission

*I hereby certify that this correspondence is being facsimile
transmitted to the Patent and Trademark Office (Fax No. 703-305-3597) on
July 20, 2001.*

Respectfully submitted,



Robert E. Bushnell,
Registration No. 27,774

Entry of the accompanying supplemental amendment in order to correct one typographic
error in independent claim 56, is respectfully requested.

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CLEAN VERSION OF AMENDMENTS

IN THE CLAIMS

Please amend claim 56 as follows:

1 56. (Four Times Amended) A lock, comprising:

2 a shell containing a hollow recess defining a longitudinal axis and an interior

3 cylindrical surface;

4 a plug rotatable around said longitudinal axis while resident within said hollow

5 recess;

6 an elongate member interposed between said shell and said plug to travel generally

7 along a radial direction between a first position where said elongate member obstructs rotation

8 between said shell and said plug by making a direct simultaneous engagement of both said shell and

9 said plug, and in response to a torque that is externally applied to said plug and causes rotation of

10 said plug within said shell, exiting said recess and traveling to a second position while maintaining

11 a second simultaneous engagement of said shell and said plug that accommodates said rotation;

12 said plug comprising:

13 a first base perforated by an aperture, and a second base separated by an axial

14 length of said plug from said first base, said second base bearing means for supporting a

15 cam;

16 a logic circuit borne by said plug and rotatable with said plug, conveying said

17 data signal between said aperture to said logic circuit; and

18 an electrical operator responding to said control signals by moving
19 independently of said travel by said elongate member in a second direction within a plane
20 that maintains said simultaneous engagement by not aligned with said radial direction
21 between one of a first orientation obstructing said travel and relative operable movement
22 between said shell and said plug while said electrical operator is contained wholly within
23 said plug, and a second and different orientation accommodating said travel and said relative
24 operable movement between said shell and said plug, and another of said first orientation and
25 said second orientation.

REMARKS

Claim 56 is amended in one instance to assure a correct antecedent basis; the noun "slot" is not used in claim 56, and instead the shell is defined as "containing a hollow recess." The Amendment conforms the language of claim 56 to its text, and removes a question of antecedent basis.

This error was inadvertent error made during the amendment of claim 56. Accordingly, no new issue is raised.

The Examiner's consideration of the foregoing amendment is respectfully requested. No fees are incurred.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Please amend claim 56 as follows:

1 56. (Four Times Amended) A lock, comprising:

2 a shell containing a hollow recess defining a longitudinal axis and an interior

3 cylindrical surface;

4 a plug rotatable around said longitudinal axis while resident within said hollow

5 recess;

6 an elongate member interposed between said shell and said plug to travel generally
7 along a radial direction between a first position where said elongate member obstructs rotation
8 between said shell and said plug by making a direct simultaneous engagement of both said shell and
9 said plug, and in response to a torque that is externally applied to said plug and causes rotation of
10 said plug within said shell, exiting said recess [slot] and traveling to a second position while
11 maintaining a second simultaneous engagement of said shell and said plug that accommodates said
12 rotation;

13 said plug comprising:

14 a first base perforated by an aperture, and a second base separated by an axial
15 length of said plug from said first base, said second base bearing means for supporting a
16 cam;

17 a logic circuit borne by said plug and rotatable with said plug, conveying said

18 data signal between said aperture to said logic circuit; and
19 an electrical operator responding to said control signals by moving
20 independently of said travel by said elongate member in a second direction within a plane
21 that maintains said simultaneous engagement by not aligned with said radial direction
22 between one of a first orientation obstructing said travel and relative operable movement
23 between said shell and said plug while said electrical operator is contained wholly within
24 said plug, and a second and different orientation accommodating said travel and said relative
25 operable movement between said shell and said plug, and another of said first orientation and
26 said second orientation.